

IN THE CLAIMS:

Please cancel claims 2-4 without prejudice.

Please amend claims 1, 5-10 and 19 to read as follows:

1 1. (thrice amended) A sorption unit for an air-
2 conditioning and heat technology apparatus, said unit
3 having a working medium water and a sorption medium
4 zeolite, wherein the working medium water is exothermally
5 sorbed in said sorption medium zeolite and in a subsequent
6 endothermic reaction again is desorbed, said unit further
7 having sheets for thermal conduction past which said
8 working medium water is guided, said sheets being in
9 contact with said sorption medium zeolite, wherein said
10 sorption medium zeolite forms string-shaped profiled bodies
11 (4) which are designed to create surface contact with said
12 sheets (3, 3'), and wherein channels (6) for passage of
13 working medium water are formed by means of said string-
14 shaped profiled bodies (4), wherein a working pressure in
15 the sorption unit is maintained below atmospheric pressure.

1 5. (twice amended) The sorption unit as defined in
2 claim 1, wherein said channels for passage of the working
3 medium water are formed in said profiled bodies and extend
4 in a longitudinal direction of said profiled bodies.

1 6. (twice amended) The sorption unit as defined in
2 claim 5, wherein said channels for passage of the working

3 medium water are axially symmetrical relative to the
4 longitudinal direction of the profiled bodies.

1 7. (amended) The sorption unit as defined in claim
2 6, wherein said channels for passage of the working medium
3 water have a circular diameter.

1 8. (amended) The sorption unit as defined in claim
2 6, wherein said channels for passage of the working medium
3 water have a square diameter.

1 9. (amended) The sorption unit as defined in claim
2 6, wherein said channels for passage of the working medium
3 water have a square diameter with rounded corners.

1 10. (twice amended) The sorption unit as defined in
2 claim 5, wherein each profiled body defines one channel for
3 passage of the working medium water, said one channel being
4 arranged in a center of the cross-section of the body.

1 19. (twice amended) The sorption unit as defined in
2 claim 16, wherein the ends of said string-shaped profiled
3 bodies (4) define openings through which working medium
4 water can flow between adjacent ends of said profiled
5 bodies (4).

Please add a new claim 45 as follows:

1 45. (new) A sorption unit for an air-conditioning and
2 heat technology apparatus, the unit comprising:
3 a working medium;
4 sheets for thermal conduction past which the working
5 medium is guided;
6 a sorption medium comprising string-shaped profiled
7 bodies for making surface contact with the sheets; and
8 channels for passage of the working medium being
9 defined by the string-shaped profiled bodies;
10 wherein the working medium is exothermally adsorbed on
11 the sorption medium and subsequently exothermally desorbed
12 from the sorption medium; and wherein a working pressure in
13 the sorption unit is maintained below atmospheric pressure.
